

II. CLAIM AMENDMENTS

1. (Currently amended) A method for setting audio parameters controlling processing in a digital signal processor (4) in an electronic device (1) comprising at least one auxiliary device connection (10) for connecting at least one auxiliary device (11), wherein at least some of the audio parameters are loaded into the digital signal processor (4) during operation of the electronic device (1) from the auxiliary device (11), said auxiliary device (11) conducting two way communication of digital data with said electronic device (1), further comprising operating a microcontroller in said auxiliary device to conduct said two way communication.

2. (Previously amended) The method according to claim 1, wherein the audio parameters are loaded from the auxiliary device (11) via the auxiliary device connection (10).

3. (Previously amended) The method according to claim 1, wherein the audio parameters are loaded at the stage when the auxiliary device (11) is connected to or detached from the electronic device (1) or when the auxiliary device changes its audio mode.

4. (Previously amended) The method according to claim 3, wherein the electronic device (1) comprises further a detection line (23) and a connection bus (12), and that the connection of the auxiliary device (11) is detected on the basis of a change in the voltage of the detection line (23) or on the basis of messages transferred via the connection bus (12) between the electronic device (1) and the auxiliary device (11).

5. (Currently amended) An electronic device (1) comprising:

a digital signal processor (4) for processing audio signals;

means (22) for storing audio parameters controlling the processing of audio signals in the digital signal processor (4), and

an auxiliary device connection (10) for connecting an auxiliary device (11) with the electronic device (1),

wherein the electronic device (1) further comprises communication means for loading the audio parameters into the means (22) for storing the audio parameters from the auxiliary device (11), and for conducting two way communication of digital data with the auxiliary device (11), wherein said communications means communicates with a microcontroller in said auxiliary device.

6. (Previously amended) The device according to claim 5, further comprising a detection line (23) and a connection bus (12) and means (2, 24) for detecting the connection of the auxiliary device (11) into the auxiliary device connection (10) either on the basis of a change in the voltage of the detection line (23) or on the basis of the messages transferred via a detection bus (12) between the electronic device (1) and the auxiliary device (11).

7. (Previously amended) The device according to claim 5, further comprising a transmitter/receiver unit (6) of a mobile station.

8. (Previously amended) The device (1) according to claim 5,

wherein the device is a mobile station.

9. (Previously amended) The device according to claim 8, wherein the auxiliary device (11) comprises an auxiliary loudspeaker (26) and an auxiliary microphone (27).

10. (Previously added) The method according to claim 1, wherein said audio parameters are other than data used to recognize the type of auxiliary device.

11. (Previously added) The method according to claim 1, wherein all of said audio parameters are loaded into the digital signal processor from the auxiliary device.

12. (Previously added) The device according to claim 5, wherein said audio parameters are other than data used to recognize the type of auxiliary device.

13. (Previously added) The device according to claim 5, wherein all of said audio parameters are loaded into the digital signal processor from the auxiliary device.

14. (Cancelled)

17. - 30. (Cancelled)